Bill of Materials [See Attached]

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### PRAIRIE STATE GENERATING CAMPUS IL ROUTE 4/13 AT-GRADE RAILROAD CROSSING

### **BILL OF MATERIALS**

### **INSTRUMENT BUNGALOW**

1 each =	GCP 3000-D2 predictor-redundant with IPI & keyboa (No dax modules)	rd display	Safetran Systems
1 each =	Track & battery surge panel	(80026-1)	66 66
1 each =	500 ohm normal relay	(400000)	66 66
1 each =	500 ohm heavy duty (H.D.) relay	(400023)	66 66
1 each =	194 ohm slow release (S.R.) relay (3.0 – 3.75 sec.)	(400200)	66 66
$1 \operatorname{each} =$	60 ohm flasher relay with flash-pak	(400700-x)	66 66
$4 \operatorname{each} =$	Relay socket assembly with crimp tabs	(420000-43x)	66 66
4 each =	Voltage test kits	(420000-46x)	66 66
$4 \operatorname{each} =$	Variable resistors .63 ohm	(029602-1x)	66 66
1 each =	Variable resistors 10 ohm	(029603-5x)	"
1  each =	Variable resistor 2 ohm	(029602-6x)	66 66
1 each =	Relay wrench assembly	(032619-22x)	44 44
6 each =	Padlocks hex type	(030399-16x)	46 44
1  each =	40 ETC-12 V. Battery Charger	,	Railway Equip
1 each =	20 ETC-12 V. Battery Charger		"
1  set =	7 cells of 475 aph. mtc. free battery		GNB.
1  set =	6 cells of 368 aph. mtc. free battery		"
1 lot =	2 3/8" terminal block		various vend.
1 lot =	(1 x 12 or 2 x 6) terminal strips		" "
1 lot =	1" test links (ug. cable @ bungalow & signal jct. box)		"
1 lot =	Circuit tags		44 44
1 lot =	#6 wire for battery charging circuits		66 66
1 each =	Secondary surge arrestor		66 66
1 lot =	#10 tc wire	Okonite	
1 lot =	#16 tc wire	66 66	
1 lot =	Insulated ring terminals (#10-12 & #14-16)		Tyco Ind.
1 lot =	Ring terminals (# 6 with 1/4" stud size)	66 66	
1 each =	6' x 6' alum. bungalow with the following: telescopin breaker box, lights, conv. outlets, shelves, heater, vent back doors, backboard, plywood on left & right walls, battery rack, 2 each power-off lights, 1 each S.&C. strength of the stre	fan, front & two-step	PTMW, Inc.

NOTE = Materials listed are the major materials needed. Other materials and quantity may be needed for the complete installation & placing-in-service of the warning signal system.

### PRAIRIE STATE GENERATING CAMPUS IL ROUTE 4/13 AT-GRADE RAILROAD CROSSING

#### **BILL OF MATERIALS**

#### SIGNAL HARDWARE

1 each = Model WT/F Walkout Cantilever with flasher-gate signal consisting of the following: walkout cantilever with access ladder, two-way 12" led lights mounted above roadway, Railroad Crossing sign mounted above roadway, one-way 12" led lights on mast, Railroad Crossing sign on mast, auxiliary mast with: gate mechanism, alum-glass gate arm with led gate lights, break-away & adapter, one-way 12" led lights, high wind guard, jct. box base, electronic bell & all necessary hardware.

1 each = Same as above except no bell.

Safetran

#### **INSTALLATION MATERIALS**

2 each =	Galv. metal flasher-gate signal found. (48" tall with base plate)	L.&W. Ind.
1 lot =	7c x #6 ug. signal cable (bronze taped wrapped)	Okonite
1 lot =	7c x #9 ug. signal cable (bronze taped wrapped)	66 66
1 lot =	2c x #6 ug. twisted track cable	66 66
4 each =	Rubber bootleg kits (track connections)	
$4 \operatorname{each} =$	Retainer rail clips	Erico
4 each =	One-shot for 5/8" gnd. rod	<b>66 66</b>
1 lot =	Railhead bonds (3/16" x 6 ½")	<b>66 66</b>
5 each $=$	5/8" x 8' gnd. rods	
1 lot =	4" pvc conduit (under roadway & track)	
1 lot =	Bondstrand wire	L.&W.
1 lot =	Rolls of 33 plus tape	3-M
1 lot =	Fill materials for bungalow & foundations (as needed)	local
1 lot =	Crushed rock for topping	local
1 lot =	Alum. paint	
1 each =	ac meter loop arrangement	local

NOTE = Contractor shall furnish an ac meter loop located close to instrument bungalow. Prairie State Generating Company, LLC will arrange to have utility service ac power furnished to the meter.

Materials listed are the major materials needed. Other materials and quantity may be needed for the complete installation & placing-inservice of the warning signal system.

### PRAIRIE STATE GENERATING CAMPUS EIFF ROAD AT-GRADE RAILROAD CROSSING

### **BILL OF MATERIALS**

### **INSTRUMENT BUNGALOW**

1 each =	GCP 3000-D2 predictor-redundant with IPI & keyboa (No dax modules)	rd display	Safetran Systems
1 each =	Track & battery surge panel	(80026-1)	66 66
1 each =	500 ohm normal relay	(400000)	"
1 each =	500 ohm heavy duty (H.D.) relay	(400023)	"
1 each =	194 ohm slow release (S.R.) relay (3.0 – 3.75 sec.)	(400200)	"
1 each =	60 ohm flasher relay with flash-pak	(400700-x)	" "
4 each =	Relay socket assembly with crimp tabs	(420000-43x)	"
4 each =	Voltage test kits	(420000-46x)	. "
4 each =	Variable resistors .63 ohm	(029602-1x)	"
1  each =	Variable resistors 10 ohm	(029603-5x)	66 66
1 each =	Variable resistor 2 ohm	(029602-6x)	66 66
1  each =	Relay wrench assembly	(032619-22x)	<b>"</b>
6 each =	Padlocks hex type	(030399-16x)	66 66
1 each =	40 ETC-12 V. Battery Charger	,	Railway Equip
1 each =	20 ETC-12 V. Battery Charger		« « ·
1  set =	7 cells of 475 aph. mtc. free battery		GNB.
1  set =	6 cells of 368 aph. mtc. free battery		66 66
1 lot =	2 3/8" terminal block		various vend.
1 lot =	(1 x 12 or 2 x 6) terminal strips		66 66
1 lot =	1" test links (ug. cable @ bungalow & signal jct. box)		66 66
1 lot =	Circuit tags		66 66
1 lot =	#6 wire for battery charging circuits		<b>66 66</b>
$1 \operatorname{each} =$	Secondary surge arrestor		66 66
1 lot =	#10 to wire		Okonite
1 lot =	#16 to wire		66 66
1 lot =	Insulated ring terminals (#10-12 & #14-16)	Tyco Ind.	
1 lot =	Ring terminals (# 6 with 1/4" stud size)		46 46
1 each =	6' x 6' alum. bungalow with the following: telescopin breaker box, lights, conv. outlets, shelves, heater, vent back doors, backboard, plywood on left & right walls, battery rack, 2 each power-off lights, 1 each S.&C. strength of the stre	fan, front & two-step	PTMW, Inc.

NOTE = Materials listed are the major materials needed. Other materials and quantity may be needed for the complete installation & placing-in-service of the warning signal system.

### PRAIRIE STATE GENERATING CAMPUS EIFF ROAD AT-GRADE RAILROAD CROSSING

#### **BILL OF MATERIALS**

#### SIGNAL HARDWARE

1 each = Model #10 flasher-gate signal consisting of the following: 3593 B gate mechanism, alum-glass gate arm with led gate lights, break-away & adapter, two-way 12" led lights on mast, high wind guard, jct. box base, Railroad Crossing sign, electronic bell & all necessary hardware.

W.C. Hayes

1 each = Same as above except no bell.

#### **INSTALLATION MATERIALS**

$2 \operatorname{each} =$	Galv. metal flasher-gate signal found. (48" tall with base plate)	L.&W. Ind.
1 lot =	7c x #6 ug. signal cable (bronze taped wrapped)	Okonite
1 lot =	7c x #9 ug. signal cable (bronze taped wrapped)	66 66
1 lot =	2c x #6 ug. twisted track cable	<b>66 66</b>
$4 \operatorname{each} =$	Rubber bootleg kits (track connections)	
$4 \operatorname{each} =$	Retainer rail clips	Erico
$4 \operatorname{each} =$	One-shot for 5/8" gnd. rod	46 66
1 lot =	Railhead bonds (3/16" x 6 ½")	46 66
$5 \operatorname{each} =$	5/8" x 8' gnd. rods	
1 lot =	4" pvc conduit (under roadway & track)	
1 lot =	Bondstrand wire	L.&W.
1 lot =	Rolls of 33 plus tape	3-M
1 lot =	Fill materials for bungalow & foundations (as needed)	local
1 lot =	Crushed rock for topping	local
1 lot =	Alum. paint	
$1 \operatorname{each} =$	ac meter loop arrangement	local

NOTE = Contractor shall furnish an ac meter loop located close to instrument bungalow. Prairie State Generating Company, LLC will arrange to have utility service ac power furnished to the meter.

Materials listed are the major materials needed. Other materials and quantity may be needed for the complete installation & placing-inservice of the warning signal system.

### PRAIRIE STATE GENERATING CAMPUS WASHINGTON COUNTY LINE ROAD AT-GRADE RAILROAD CROSSING

### **BILL OF MATERIALS**

### **INSTRUMENT BUNGALOW**

1 each =	GCP 3000-D2 predictor-redundant with IPI & keyboa	ard display	Safetran Systems					
11-	(No dax modules)	(0000 1)	66 66					
1 each =	Track & battery surge panel	(80026-1)	66 66					
1 each =	500 ohm normal relay	(400000)	66 66					
1 each =	500 ohm heavy duty (H.D.) relay	(400023)	66 66					
1 each =	194 ohm slow release (S.R.) relay (3.0 – 3.75 sec.)	(400200)	66 66					
1 each =	60 ohm flasher relay with flash-pak	(400700-x)	66 66					
4 each =	Relay socket assembly with crimp tabs	(420000-43x)	46 46					
4 each =	Voltage test kits	(420000-46x)	66 66					
4 each =	Variable resistors .63 ohm	(029602-1x)						
1 each =	Variable resistors 10 ohm	(029603-5x)	46 46					
1 each =	Variable resistor 2 ohm	(029602-6x)	66 66					
1 each =	Relay wrench assembly	(032619-22x)	66 66					
6 each =	Padlocks hex type	(030399-16x)	46 66					
$1 \operatorname{each} =$	40 ETC-12 V. Battery Charger		Railway Equip					
1 each =	20 ETC-12 V. Battery Charger		44 44					
1  set =	7 cells of 475 aph. mtc. free battery		GNB.					
1  set =	6 cells of 368 aph. mtc. free battery		66 66					
1 lot =	2 3/8" terminal block		various vend.					
1 lot =	(1 x 12 or 2 x 6) terminal strips		cc 66					
1 lot =	1" test links (ug. cable @ bungalow & signal jct. box)	l	46 66					
1 lot =	Circuit tags		"					
1 lot =	#6 wire for battery charging circuits		44 44					
1 each =	Secondary surge arrestor		4 4					
1 lot =	#10 tc wire		Okonite					
1 lot =	#16 tc wire	66 66						
1 lot =	Insulated ring terminals (#10-12 & #14-16)	Tyco Ind.						
1 lot =	Ring terminals (# 6 with ½" stud size)							
1 each =	6' x 6' alum. bungalow with the following: telescoping	(030399-16x)  Railway Equip  ""  GNB.  various vend.  ""  ""  Okonite  ""  Tyco Ind.  ""  Tyco Ind.  ""  oping foundations, vent fan, front & alls, two-step						
	breaker box, lights, conv. outlets, shelves, heater, vent		,					
	back doors, backboard, plywood on left & right walls,	· · · · · · · · · · · · · · · · · · ·						
	battery rack, 2 each power-off lights, 1 each S.&C. str	-						
	relay filler plates.	<i>U</i> +						
	•							

NOTE = Materials listed are the major materials needed. Other materials and quantity may be needed for the complete installation & placing-in-service of the warning signal system.

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### PRAIRIE STATE GENERATING CAMPUS WASHINGTON COUNTY LINE ROAD AT-GRADE RAILROAD CROSSING

#### **BILL OF MATERIALS**

#### SIGNAL HARDWARE

1 each = Model #10 flasher-gate signal consisting of the following: 3593 B gate mechanism, alum-glass gate arm with led gate lights, break-away & adapter, two-way 12" led lights on mast, high wind guard, jet. box base, Railroad Crossing sign, electronic bell & all necessary hardware.

W.C. Hayes

1 each = Same as above except no bell.

#### **INSTALLATION MATERIALS**

$2 \operatorname{each} =$	Galv. metal flasher-gate signal found. (48" tall with base plate)	L.&W. Ind.
1 lot =	7c x #6 ug. signal cable (bronze taped wrapped)	Okonite
1 lot =	7c x #9 ug. signal cable (bronze taped wrapped)	66 66
1 lot =	2c x #6 ug. twisted track cable	66 66
$4 \operatorname{each} =$	Rubber bootleg kits (track connections)	
4 each =	Retainer rail clips	Erico
4 each =	One-shot for 5/8" gnd. rod	66 66
1 lot =	Railhead bonds (3/16" x 6 ½")	66 66
5 each =	5/8" x 8' gnd. rods	
1 lot =	4" pvc conduit (under roadway & track)	
1 lot =	Bondstrand wire	L.&W.
1 lot =	Rolls of 33 plus tape	3-M
1 lot =	Fill materials for bungalow & foundations (as needed)	local
1 lot =	Crushed rock for topping	local
1 lot =	Alum. paint	****
1 each =	ac meter loop arrangement	local

NOTE = Contractor shall furnish an ac meter loop located close to instrument bungalow. Prairie State Generating Company, LLC will arrange to have utility service ac power furnished to the meter.

Materials listed are the major materials needed. Other materials and quantity may be needed for the complete installation & placing-inservice of the warning signal system.

### PRAIRIE STATE GENERATING CAMPUS RELOCATED MARIGOLD ROAD AT-GRADE RAILROAD CROSSING

### **BILL OF MATERIALS**

### **INSTRUMENT BUNGALOW**

1 each =	GCP 3000-D2 dual track predictor-redundant with IP.	I &	Safetran Systems
	keyboard display (No dax modules)		
$2 \operatorname{each} =$	Track & battery surge panel	(80026-1)	66 66
1 each ≈	Track surge panel	(80026-2)	66 66
1  each =	500 ohm normal relay	(400000)	66 66
1 each ≈	500 ohm heavy duty (H.D.) relay	(400023)	66 66
1  each =	194 ohm slow release (S.R.) relay $(3.0 - 3.75 \text{ sec.})$	(400200)	ε <b>ι</b> ιι
1 each =	60 ohm flasher relay with flash-pak	(400700-x)	66 46
4 each ≈	Relay socket assembly with crimp tabs	(420000-43x)	¢¢ ¢¢
$4 \operatorname{each} =$	Voltage test kits	(420000-46x)	56 66
4 each =	Variable resistors .63 ohm	(029602-1x)	"
1  each =	Variable resistors 10 ohm	(029603-5x)	66 66
1 each =	Variable resistor 2 ohm	(029602-6x)	66 66
1 each =	Relay wrench assembly	(032619-22x)	66 66
$6 \operatorname{each} =$	Padlocks hex type	(030399-16x)	66 66
1 each =	40 ETC-12 V. Battery Charger	`	Railway Equip
1 each =	20 ETC-12 V. Battery Charger		""
1  set =	7 cells of 475 aph. mtc. free battery		GNB.
1  set =	6 cells of 368 aph. mtc. free battery		66 66
1 lot =	2 3/8" terminal block		various vend.
1 lot =	(1 x 12 or 2 x 6) terminal strips		66 66
1 lot =	1" test links (ug. cable @ bungalow & signal jct. box)		66 66
1 lot =	Circuit tags		66 66
1 lot =	#6 wire for battery charging circuits		66 66
1 each =	Secondary surge arrestor		¢¢ ¢¢
1 lot =	#10 tc wire		Okonite
1  lot =	#16 tc wire		<b>66 66</b>
1 lot =	Insulated ring terminals (#10-12 & #14-16)		Tyco Ind.
1 lot =	Ring terminals (# 6 with ¼" stud size)		çç çç
1  each =	6' x 6' alum. bungalow with the following: telescoping	ng foundations,	PTMW, Inc.
	breaker box, lights, conv. outlets, shelves, heater, vent		
	back doors, backboard, plywood on left & right walls,	two-step	
	battery rack, 2 each power-off lights, 1 each S.&C. str	obe light &	
	relay filler plates.	•	

NOTE = Materials listed are the major materials needed. Other materials and quantity may be needed for the complete installation & placing-in-service of the warning signal system.

### PRAIRIE STATE GENERATING CAMPUS RELOCATED MARIGOLD ROAD AT-GRADE RAILROAD CROSSING

#### **BILL OF MATERIALS**

#### SIGNAL HARDWARE

1 each = Model #10 flasher-gate signal consisting of the following: 3593 B gate mechanism, alum-glass gate arm with led gate lights, break-away & adapter, two-way 12" led lights on mast, high wind guard, jct. box base, Railroad Crossing sign, electronic bell & all necessary hardware.

W.C. Hayes

1 each = Same as above except no bell.

#### **INSTALLATION MATERIALS**

$2 \operatorname{each} =$	Galv. metal flasher-gate signal found. (48" tall with base plate)	L.&W. Ind.
1 lot =	7c x #6 ug. signal cable (bronze taped wrapped)	Okonite
1 lot =	7c x #9 ug. signal cable (bronze taped wrapped)	<i>44</i> 46
1 lot =	2c x #6 ug. twisted track cable	46 46
4 each =	Rubber bootleg kits (track connections)	44444
$4 \operatorname{each} =$	Retainer rail clips	Erico
4 each =	One-shot for 5/8" gnd. rod	44 66
1 lot =	Railhead bonds (3/16" x 6 ½")	44 64
$5 \operatorname{each} =$	5/8" x 8' gnd. rods	
1 lot =	4" pvc conduit (under roadway & track)	
1 lot =	Bondstrand wire	L.&W.
1 lot =	Rolls of 33 plus tape	3-M
1 lot $=$	Fill materials for bungalow & foundations (as needed)	local
1 lot =	Crushed rock for topping	local
1 lot =	Alum, paint	
$1 \operatorname{each} =$	ac meter loop arrangement	local

NOTE = Contractor shall furnish an ac meter loop located close to instrument bungalow. Prairie State Generating Company, LLC will arrange to have utility service ac power furnished to the meter.

Materials listed are the major materials needed. Other materials and quantity may be needed for the complete installation & placing-inservice of the warning signal system.

Cost Estimate for Lights & Gates [See Attached]

### PRAIRIE STATE GENERATING CAMPUS IL ROUTE 4/13 AT-GRADE RAILROAD CROSSING

## COST ESTIMATE

QUANTITY UNITS	<u> </u>	CO-SIL 1	?		UNIT	COST	TINU	COST
			[ 	INSTRUMENT BUNGALOW				
1FA	Control Rack and Wire	d Wired Controls Including	Ι				\$35,420.00	\$35,420.00
<u>.</u>		<u>1</u>	1	GCP 3000-D2 predictor-redundant with IPI & keyboard display		Included	į	
		1	Ę	Track & battery surge panel		Included		
		1		500 ohm normal relay		Included		
		<u>т</u>		500 ohm heavy duty (H.D.) relay		Included		
		115		194 ohm slow release (S.R.) relay (3.0 – 3.75 sec.)		Included		
		1	E E	60 ohm flasher relav with flash-pak		Included		
		4 6		Relay socket assembly with crimp tabs		Included		
		4	i di	Voltage test kits		Included		
		4		Variable resistors .63 ohm		Included		
		1	<	Variable resistors 10 ohm		Included		
			Ī	Variable resistor 2 ohm		Included		
		4	ď	Relay wrench assembly		Included		
		39	A	Padlocks hex type		Included		
		1	×	40 ETC+12 V. Cragg		Included		
		1	EA.	20 ETC-12 V. Cragg		Included		
		3	SET	7 cells of 475 aph, mtc. free battery		Included		
		3	ìET	6 cells of 368 aph, mtc, free battery		Included		
	-	=	LOT	2 3/8" terminal block		Included		
		F	TO:	(1 x 12 or 2 x 6) terminal strips		Included		
		-	LOT	1" test links (ug. cable @ bungalow & signal jct. box)		Included		_
		F	TO1	Circuit tags		Included		
		F	LOT	#6 wire for battery charging circuits		Included	ļ	
L		F	Į ,⊀	Secondary surge arrestor		Included		
		F	LOT	#10 tc wire		Included		
L			LOT	#16 tc wire		Included		
		F	LOT	Insulated ring terminals (#10-12 & #14-16)		Included		
L		F	LOT	Ring terminals (# 6 with 1/4" stud size)		Included		
L								1
1 FA	6' x 6' alum, bungalow	angalow with the following:	owing:				\$14,650.00	30 \$14,650.00
		F	EA.	Telescoping foundations, breaker box, lights, conv.	\$14,650.00	0 \$14,650,00		
				outlets, shelves, heater, vent fan, front & back doors,				
				backboard, plywood on left & right walls, two-step battery track 2 each power-off lights, 1 each S &C, strobe light &				
				relay filler plates.				
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### PRAIRIE STATE GENERATING CAMPUS IL ROUTE 4/13 AT-GRADE RAILROAD CROSSING

EXTENDED COST		\$23,114.00										Ĭ				\$22,899.00	
COST PER I		\$23,114.00														\$22,899.00	
EXTENDED COST				\$260.00	\$1,250.00	\$850.00	\$1,050.00	\$1,700.00	\$10,500.00	\$1,150.00	\$3,150.00	\$124.00	\$350.00	\$2,450.00	\$215.00		\$780.00 \$1,220.00 \$1,220.00 \$1,00.00 \$1,150.00 \$1,150.00 \$1,150.00 \$3350.00 \$2,450.00
COST PER E				\$260.00	\$1,250.00	\$850.00	\$1,050.00	\$850.00	\$10,500.00	\$1,150.00	\$3,150.00	\$62.00	\$350.00	\$2,450.00	\$215.00		\$260.00 \$1,250.00 \$1,250.00 \$850.00 \$1,150.00 \$1,150.00 \$1,150.00 \$1,150.00 \$3,150.00 \$3,150.00 \$2,450.00
	SIGNAL HARDWARE		Model WT/F Walkout Cantilever with flasher-gate signal consisting of the following: walkout cantilever with access ladder, two-way 12' led lights mounted above roadway, Railroad Crossing sign mounted above roadway, one-way 12' led lights on mast, Railroad Crossing sign on mast, auxillary mast with: gate mechanism, alum-glass gate am with led gate lights, break-away & adapter, one-way 12' led lights, high wind guard, jct, box base, electronic bell & all necessary hardware.	Arm Gate Fiberglass/aluminum	Bracket Gate	Counter weight	Lamp assy LED Two-Way	Lamp assy LED One-Way	Walkout Cantilever with 12 " Mast	Auxilliary Mast 5" aluminum	Gate Mechanism	Sign X Buck	Misc gate hardware	Foundation with fill	BELL		Model WT/F Walkout Cantilever with flasher-gate signal consisting of the following: walkout cantilever with access ladder, two-way 1/2" led lights mounted above roadway, Railroad Crossing sign mounted above roadway, one-way 1/2" led lights on mast, Railroad Crossing sign on mast, auxiliary mast with: gate mechanism, alum-glass gate arm with led gate lights, break-away & adapter, one-way 1/2" led lights, high wind guard, jct. box base, electronic bell & Arm Gate Fiberglass/aluminum  Bracket Ligh Wind  Counter weight Lamp assy LED Two-Way Lamp assy LED Two-Way Walkout Cantilever with 12 " Mast Auxiliary Mast 5" aluminum Gate Mechanism Sign X Buck Misc gate hardware Foundation with fill
UNITS		sate Signal			<u> </u>	Ī	Γ	EA.		EA.			LOT	EA.	Œ.	Sate Signal	
QUANTITY		lever with Flasher-Gate Signal les the folowing:	-	1				2		1				•		lever with Flasher-Gate Signal slowing:	
		Walkout Cantilever wand Bell includes the														Walkout Cantilever wi includes the folowing:	
UNITS		1EA. v				f igg										<u> </u>	
QUANTITY UNITS									<u> </u>								

### PRAIRIE STATE GENERATING CAMPUS IL ROUTE 4/13 AT-GRADE RAILROAD CROSSING

QUANTITY UNITS	5	QUANTITY UNITS	UNITS		COST PER UNIT	EXTENDED (	COST PER UNIT	EXTENDED COST
				INSTALLATION MATERIALS				
	Grounding Materials In	rials Including the following	following:				\$305.00	\$305.00
		4	EA.	One-shot for 5/8" gnd. rod	\$50.00			
_ ا		, C	5 EA.	5/8" x 8' gnd. rods	\$21,00	\$105.00		
آ								
	structi	on materials Including the	ding the				\$3,305.00	\$3,305.00
Ī	tollowing:				200 000	44 200 000		
			3 5	Fill materials for bungalow & roundations (as needed)	\$ 1,200,00	L		
			5 5	Alim paint	\$55.00			
			3	אווווי אינוויי				
EA.	AC Meter loop arrangement Including the following:	ement Indu	ding the				\$2,000.00	\$2,000.00
		-	EA.	AC Service complete assembled on 30 ft. meter pole	\$1,050.00	\$1,050.00		
		_	EA.	AC Surge Arrestor	\$325.00	\$325.00		
			ΕĀ	Service Cable UG 3C#6 conductor	\$625.00	\$625.00		
EA.	Materials for connecting field equipment Including the following:	ing field equi	ipment				\$6,555.75	\$6,555.75
			11LOT	4" pvc conduit (under roadway & track)	\$175.00	\$175.00		
			10T	7c x #6 UG. signal cable (bronze taped wrapped)	\$2,600.00			
		_	I LOT	7c x #9 U.G. signal cable (bronze taped wrapped)	\$1,450.00			
			LOT	2c x #6 UG. twisted track cable	\$1,500.00	69		
		4	4 EA.	Rubber bootleg kits (track connections)	\$95.00			
		4	4EA.	Retainer rail clips	\$40.00	•		
			101	Railhead bonds (3/16" x 6 1/2")	\$80.00			
		1	1 LOT	Bondstrand wire	\$195.00	<del>07</del>		
		]	1 LOT	Rolls of 33 plus tape	\$15.75	5 \$15.75		
				SITE POWER				
1EA.	Pole line construction	ruction by local Utility	lity				\$10,650.00	\$10,650.00
		,-	1EA.	Pole line construction by local Utility	\$10,650.00	3 \$10,650.00		
			L					

### PRAIRIE STATE GENERATING CAMPUS IL ROUTE 4/13 AT-GRADE RAILROAD CROSSING

COST PER EXTENDED COST PER EXTENDED UNIT COST		6.25% \$665.63 \$665.63		\$38,520.00 \$38,520.00	\$53.50 \$38,520.00		\$21,600.00 \$21,600.00	\$30.00 \$21,600.00		
	SALES TAX		LABOR		Four Person Crew (Cost includes payroll tax and overheads)	CONSTRUCTION EQUIPMENT COST		Equipment cost based on labor hours		
UNITS					720 HRS			720 HRS		
QUANTITY UNITS					720			720		
		TAXES		LABOR			LOT EQUIPMENT			
UNITS		EA.		LOT			1LOT			L
UANTITY							,			

## PRAIRIE STATE GENERATING CAMPUS EIFF ROAD AT-GRADE RAILROAD CROSSING

EXTENDED COST		\$35,420.00																												\$14,650.00		
COST PER UNIT		\$35,420.00																												\$14,650.00		
EXTENDED COST			Included	Included	papnipul	Included	Included	papnipul	Included	Included	papnipul	pepnjou	papripul	Included	Included	papripul	pepnpul	pepnjoul	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included		\$14,650.00	
COST PER UNIT																															\$14,650.00	
	INSTRUMENT BUNGALOW		GCP 3000-D2 predictor-redundant with IPI & keyboard display	Track & battery surge panel	500 ohm normal relay	500 ohm heavy duty (H.D.) relay	194 ohm slow release (S.R.) relay (3.0 – 3.75 sec.)	60 ohm flasher relay with flash-pak	Relay socket assembly with crimp tabs	Voltage test kits	Variable resistors .63 ohm	Variable resistors 10 ohm	Variable resistor 2 ohm	Relay wrench assembly	Padlocks hex type	40 ETC-12 V. Cragg	20 ETC-12 V. Cragg	7 cells of 475 aph. rntc. free battery	6 cells of 368 aph. mtc. free battery	2 3/8" terminal block	(1 x 12 or 2 x 6) terminal strips	1" test links (ug. cable @ bungalow & signal jct. box)	Circuit tags	#6 wire for battery charging circuits	Secondary surge arrestor	#10 tc wire	#16 tc wire	Insulated ring terminals (#10-12 & #14-16)	Ring terminals (# 6 with 1/4" stud size)		Telescoping foundations, breaker box, lights, conv. outlets, shelves, heater, vent fan, front & back doors, backboard, plywood on left & right walls, two-step battery rack, 2 each power-off lights, 1 each S.&C. strobe light & relay filler plates.	
SLINU		Controls Including:	EA.	1 EA	EA.	EA.	1 <b> </b> EA.	EA.	EA.	EA.	EA.	EA.	EA.	1 EA.	EA.	EA.	EA.	SET	SET	LOT	LOT	LOT	LOT	LOT	EA.	LOT	LOT	LOT	LOT	llowing:	EA.	
QUANTITY			ļ	1	1	1	1	1	4	4	4	1	1	1	9	1	1	-	1	_	1	1	1	1	,	1	1	1	1	ow with the following:		
		Control Rack and Wired																												6' x 6' alum. bungalow w		
SLINO		1EA. (0																												EA.		
QUANTITY UNITS		1																												1		

## PRAIRIE STATE GENERATING CAMPUS EIFF ROAD AT-GRADE RAILROAD CROSSING

				UNIT	COST UNIT		COST
			SIGNAL HARDWARE				
1EA.	Flasher-Gate Signal with Bell includes the folowing:	vith Bell includes the				\$8,681.00	\$8,681,00
		1EA.	Model #10 flasher-gate signal consisting of the following: 3593 B gate mechanism, alum-glass gate arm with led gate lights, break-away & adapter, two-way 12" led lights				
			on mast, high wind guard, jct. box base, Railroad Crossing sign, electronic bell & all necessary hardware.				
		1EA.	Arm Gate Fiberglass/aluminum	\$260.00	\$260.00		
		1EA.	Bracket Gate	\$1,250.00	\$1,250.00		
_		1 EA.	Bracket High Wind	\$65.00	\$65.00		
		1 EA.	Counter weight	\$850.00	\$850.00		
		1 EÁ.	Lamp assy	\$1,050.00	\$1,050.00		
		1 EA.	Mast 5" aluminum	\$1,150.00	\$1,150.00		
		1 EA.	Gate Mechanism	\$3,150.00	\$3,150.00		
		1EA.	Sign X Buck	\$62.00	\$62.00		
		1 LOT	Misc gate hardware	\$175,00	\$175.00	-	
		1EA.	Galv. metal flasher-gate signal foundation. (48" tall with base plate)	\$454.00	\$454.00		
		1 EA.	BELL	\$215,00	\$215,00		
_							
1 EA.	Flasher-Gate Signal no folowing:	no Bell includes the				\$8,466.00	\$8,466.00
		1 EA.	Same as above except no bell. Model #10 flasher-gate				
			signal consisting of the following: 3593 B gate				
			mechanism, alum-glass gare arm with led gate lights,				
			break-away & adapter, two-way 12 led lights on mast, bidh wind ottard lict hox hase. Railroad Crossing sign.				
			electronic bell & all necessary hardware.				
		1EA.	Arm Gate Fiberglass/aluminum	\$260.00	\$260.00		
_		1 EA.	Bracket Gate	\$1,250.00	\$1,250.00		
		1[ĒA.	Bracket High Wind	00'59\$	\$65.00		
L		1EA.	Counter weight	\$850.00	\$850.00		
		1EA.	Lamp assy	\$1,050.00	\$1,050.00		
		1EA.	Mast 5" aluminum	\$1,150.00	\$1,150.00		
		1[EA.	Gate Mechanism	\$3,150.00	\$3,150.00		
		1 <b>∫</b> EA.	Sign X Buck	\$62.00	\$62.00		
		1 LOT	Misc gate hardware	\$175.00	\$175.00		
		ήΕΑ.	Galv. metal flasher-gate signal foundation, (48" tall with base plate)	\$454.00	\$454.00		

## PRAIRIE STATE GENERATING CAMPUS EIFF ROAD AT-GRADE RAILROAD CROSSING

EXTENDED COST		\$305.00			\$3,305.00				\$2,000.00				\$6,555.75											\$10,650.00	
COST PER I		 \$305.00			\$3,305.00				\$2,000.00				\$6,555.75											\$10,650.00	
EXTENDED COST			\$200.00	\$105.00		\$1,200.00	\$2,050.00	\$55.00		\$1,050.00	\$325.00	\$625.00		\$175.00	\$2,600.00	\$1,450.00	\$1,500.00	\$380.00	\$160.00	\$80.00	\$195.00	\$15.75			\$10,650.00
COST PER E			\$50.00	\$21.00		\$1,200,00	\$2,050.00	\$55.00		\$1,050.00	\$325.00	\$625.00		\$175.00	\$2,600.00	\$1,450.00	\$1,500.00	00.36\$	\$40.00	\$80.00	\$195.00	\$15.75			\$10,650.00
	INSTALLATION MATERIALS		One-shot for 5/8" and, rod	5/8' x 8' gnd. rods		Fill materials for bungalow & foundations (as needed)	Crushed rock for topping	Alum, paint		AC Service complete assembled on 30 ft. meter pole	AC Surge Arrestor	Service Cable UG 3C#6 conductor		4" pvc conduit (under roadway & track)	7c x #6 UG. signal cable (bronze taped wrapped)	7c x #9 UG. signal cable (bronze taped wrapped)	2c x #6 UG. twisted track cable	Rubber bootleg kits (track connections)	Retainer rail clips	Railhead bonds (3/16" x 6 1/2")	Bondstrand wire	Rolls of 33 plus tape	SITE POWER		Pole line construction by local Utility
UNITS		following:	4EA.	5 EA.	ding the	11LOT	LOT	LOT	ding the	EA.	EA.	EA.	pment	1 LOT	LOT	LOT	LOT	4[EA.	4 EA.	LOT	LOT	LOT		ity	EA.
QUANTIFY UNITS		Including the	4	3	aterials Including the				gement Including the	1		ţ-	ting field equipment	7	τ-	,	τ-	7	7	Υ-	ļ	1		n by local Utility	
		Grounding Materials Including the following:			Misc, construction materi following:				AC Meter loop arrangem following:				Materials for connecting Including the following:											Pole line construction by	
UNITS		Ë.			EA.				EA.				EA											1EA.	
QUANTITY UNITS					-				1															1	

### PRAIRIE STATE GENERATING CAMPUS EIFF ROAD AT-GRADE RAILROAD CROSSING

QUANTITY	/ UNITS		QUANTITY UNITS	UNITS		COST PER	EXTENDED	COST PER EXTENDED COST PER EXTENDED	EXTENDED
						UNIT	COST	TINO	COST
					SALES TAX				
	1 EA.	TAXES			6.25%	19%		\$665.63	\$665,63
					LABOR				
	1LOT	LABOR						\$34,240.00	\$34,240.00
			640	640 HRS	Four Person Crew (Cost includes payroll tax and overheads)	\$53.50	\$34,240.00	l	
					CONSTRUCTION EQUIPMENT COST				
	1LOT	- EQUIPMENT						\$19,200.00	\$19,200.00
			640	640 HRS	Equipment cost based on labor hours	\$30.00	\$19,200.00		
						_			
f								TOTAL	\$144,138.38

### PRAIRIE STATE GENERATING CAMPUS WASHINGTON COUNTY LINE ROAD AT-GRADE RAILROAD CROSSING

EXTENDED COST		\$35,420.00		Ť.																										\$14,650.00		
COST PER UNIT		\$35,420.00																												\$14,650.00		
EXTENDED COST			Included	Included	Included	Included	Included	Included	Included	Included	papnpul	pepnpu	pepnjout	Included	Included	Included	pepnjou	Included	Included	Included	Included	Included	Included	<b>I</b> ncluded	Included	papnjou	Included	Included	Included		\$14,650.00	
COST PER UNIT																															, \$14,650.00	
	INSTRUMENT BUNGALOW		GCP 3000-D2 predictor-redundant with IPI & keyboard display	Track & battery surge panel	500 ohm normal relay	500 ohm heavy duty (H.D.) relay	194 ohm slow release (S.R.) relay (3.0 – 3.75 sec.)	60 ohm flasher relay with flash-pak	Relay socket assembly with crimp tabs	Voltage test kits	Variable resistors .63 ohm	Variable resistors 10 ohm	Variable resistor 2 ohm	Relay wrench assembly	Padlocks hex type	40 ETC-12 V. Cragg	20 ETC-12 V. Cragg	7 cells of 475 aph, mtc. free battery	6 cells of 368 aph. mtc. free battery	2 3/8" terminal block	$(1 \times 12 \text{ or } 2 \times 6)$ terminal strips	1" test links (ug. cable @ bungalow & signal jct. box)	Circuit tags	#6 wire for battery charging circuits	Secondary surge arrestor	#10 to wire	#16 tc wire	Insulated ring terminals (#10-12 & #14-16)	Ring terminals (# 6 with 1/2" stud size)		Telescoping foundations, breaker box, lights, conv. outlets, shelves, heater, vent fan, front & back doors, backboard, plywood on left & right walls, two-step battery rack, 2 each power-off lights, 1 each S.&C. strobe light & relay filler plates.	
UNITS		Controls Including:	EA.	Œ.	EA.	EA.	EA.	EA.	4 EA.	EA.	4 EA.	EA.	EA.	EA.	EA.	1 EA.	EA.	SET	SET	LOT	LOT	LOT	LOT	LOT	EA.	LOT	LOT	LOT	LOT	lowing:	1 EA.	
QUANTITY				۲ ا	1	1	1	1	4	7	7	1		1	9							1					ļ		_	ow with the fo		
		Control Rack and Wired																												6' x 6' alum. bungalow with the following:		
UNITS		1EA. (																												1EA. (		
QUANTITY  UNITS	:	1																												1		

### PRAIRIE STATE GENERATING CAMPUS WASHINGTON COUNTY LINE ROAD AT-GRADE RAILROAD CROSSING

QUANTITY UNITS	SLIND	)	QUANTITY	UNITS		COST PER UNIT	EXTENDED COST	COST PER UNIT	EXTENDED COST
					SIGNAL HARDWARE			1	
1	Ä	Flasher-Gate Signal with Bell includes the folowing:	with Bell inclu	ndes the				\$8,681.00	\$8,681.00
			<del>*</del>	1EA.	Model #10 flasher-gate signal consisting of the following: 3593 B gate mechanism, alum-glass gate arm with led gate lights, break-away & adapter, two-way 12" led lights				
					on mast, high wind guard, jct. box base, Railroad Crossing sign, electronic bell & all necessary hardware.				
			1		Arm Gate Fiberglass/aluminum	\$260.00			
			1		Bracket Gate	\$1,250.00	\$1,250.00		
			1	EA.	Bracket High Wind	\$65.00			
			1	EA.	Counter weight	\$850.00	\$850.00		
			1	EA.	Lamp assy	\$1,050.00	\$1,050,00		
			1	EA.	Mast 5" aluminum	\$1,150.00			
			1	EA.	Gate Mechanism	\$3,150.00	\$3,150.00		
			1	EA.	Sign X Buck	\$62.00			
				ГОТ	Misc gate hardware	\$175.00	\$175.00		
			_	EA.	Galv. metal flasher-gate signal foundation. (48" tall with base plate)	\$454.00	\$454.00		
			1	EA.	BELL	\$215.00	\$215.00		
-	EA.	Flasher-Gate Signal no folowing:	no Bell includes the	des the				\$8,466.00	\$8,466.00
				1 EA.	Same as above except no bell. Model #10 flasher-gate				
					signal consisting of the following: 3593 B gate				
					medianism, alum-glass gate aim with led gate lights,				
					break-away o audyter, iwo-way 1.2. Bot lights of thest, high wind guard, jott box base, Railroad Crossing sign, entronic hell & all necessary hardware				
				EA.	Arm Gate Fiberdiass/aluminum	\$260.00	\$260.00		
				EA.	Bracket Gate	\$1,250.00	\$1,250.00		
			_	EA.	Bracket High Wind	\$65.00			
				EA.	Counter weight	\$850,00	\$850.00		
				EA.	Lamp assy	\$1,050.00	\$1,050.00		
			1	EA.	Mast 5" aluminum	\$1,150.00			
			1	EA.	Gate Mechanism	\$3,150.00	\$3		
			1	EA.	Sign X Buck	\$62.00			
			1	LOT	Misc gate hardware	\$175.00	\$175.00		
			-   	EA.	Galv. metal flasher-gate signal foundation. (48" tall with base plate)	\$454.00	\$454.00		

### PRAIRIE STATE GENERATING CAMPUS WASHINGTON COUNTY LINE ROAD AT-GRADE RAILROAD CROSSING

EXTENDED COST		\$305.00			\$3,305.00					\$2,000.00				\$6,555.75											\$10,650.00	
COST PER I		\$305.00			\$3,305.00					\$2,000.00				\$6,555.75											\$10,650.00	
EXTENDED (			\$200.00	\$105.00		\$1 200 00	\$2,050.00	\$55.00			\$1,050.00	\$325.00	\$625.00		\$175.00	\$2,600.00	\$1,450.00	\$1,500.00	\$380.00	\$160.00	\$80.00	\$195.00	\$15.75			\$10,650.00
COST PER E			\$50.00	\$21.00		\$1.200.00	\$2,050.00	\$55,00			\$1,050.00	\$325.00	\$625.00		\$175.00	\$2,600.00	\$1,450.00	\$1,500.00	\$95.00	\$40.00	\$80.00	\$195.00	\$15.75			\$10,650.00
	INSTALLATION MATERIALS		One-shot for 5/8" and. rod	5/8" x 8' gnd, rods		Fill materials for hundalow & foundations (as needed)	Crushed rock for topping	Alum. paint			AC Service complete assembled on 30 ft. meter pole	AC Surge Arrestor	Service Cable UG 3C#6 conductor		4" pvc conduit (under roadway & track)	7c x #6 UG. signal cable (bronze taped wrapped)	7c x #9 UG. signal cable (bronze taped wrapped)	2c x #6 UG. twisted track cable	Rubber bootleg kits (track connections)	Retainer rail clips	Railhead bonds $(3/16^{\circ} \times 6 1/2^{\circ})$	Bondstrand wire	Rolls of 33 plus tape	SITE POWER		Pole line construction by local Utility
UNITS		following:	4EA.	SEA.	ling the	TOT	LOT	LOT		ling the	EA.	1EA.	EA.	pment	1LOT	LOT	LOT	LOT	EA.	ĒA.	LOT	101	TOT		ıty	ËĄ.
QUANTITY		Including the following:	4	S	aterials Including the			1		gement Including the	_	1	1	ting field equipment		1	1	1	4	4		l.	1		n by local Utility	
		Grounding Materials Incl	)		Misc. construction mater following:	Giorgia.				AC Meter loop arrangem following:				Materials for connecting Including the following:											Pole line construction by	
UNITS		EA.			EA.				•	EA. A				EA.											EA. IF	
QUANTITY UNITS		ļ			1					1				<del>-</del>											1	

## PRAIRIE STATE GENERATING CAMPUS WASHINGTON COUNTY LINE ROAD AT-GRADE RAILROAD CROSSING

	QUANTITY UNITS	UNITS		COST PER	EXTENDED	COST PER EXTENDED COST PER EXTENDED	EXTENDED
				UNII	COST	INO	COS
			SALES TAX				
	1		6.25%	9		\$665.63	\$665.63
	-						
			LABOR				
LABOR						\$34,240.00	\$34,240.00
	640	640HRS	Four Person Crew (Cost includes payroll tax and overheads)	\$53.50	\$34,240.00		
			CONSTRUCTION EQUIPMENT COST				
LOT EQUIPMENT						\$19,200.00	\$19,200.00
	640	640 HRS	Equipment cost based on labor hours	\$30.00	\$19,200.00		
						TOTAL	\$144,138.38

## PRAIRIE STATE GENERATING CAMPUS RELOCATED MARIGOLD ROAD AT-GRADE RAILROAD CROSSING

EXTENDED COST		\$39,880.00																													\$14,650.00			
COST PER UNIT		\$39,880.00																													\$14,650.00			
EXTENDED COST			pepnpul	Included	Included	Included	Included	Included	Included	Included	Included	pepnjouj	Included	Included	papnipul	Included	Included	Included	Included	Included	Included	pepnjouj	Included	Included	Included	Included	Included	Included	Included	Included		\$14,650.00		
COST PER UNIT																																, \$14,650.00		
	INSTRUMENT BUNGALOW	•	GCP 3000-D2 predictor-redundant with IPI & keyboard display	Track & battery surge panel	Track surge panel	500 ohm normal relay	500 ohm heavy duty (H.D.) relay	194 ohm slow release (S.R.) relay (3.0 – 3.75 sec.)	60 ohm flasher relay with flash-pak	Relay socket assembly with crimp tabs	Voltage test kits	Variable resistors .63 ohm	Variable resistors 10 ohm	Variable resistor 2 ohm	Relay wrench assembly	Padlocks hex type	40 ETC-12 V. Cragg	20 ETC-12 V. Cragg	7 cells of 475 aph, mtc. free battery	6 cells of 368 aph. mtc. free battery	2 3/8" terminal block	(1 x 12 or 2 x 6) terminal strips	1" test links (ug. cable @ bungalow & signal jct. box)	Circuit tags	#6 wire for battery charging circuits	Secondary surge arrestor	#10 tc wire	#16 tc wire	Insulated ring terminals (#10-12 & #14-16)	Ring terminals (# 6 with 1/3" stud size)		Telescoping foundations, breaker box, lights, conv. outlets, shelves, heater, vent fan, front & back doors, backboard, planted on left 8 gight walls, two door bettook ond, 2 ooch	pyreco of rotal angle mans, are only based a con- pared lights, 1 each S.&C. strobe light & relay filler plane	יייייייייייייייייייייייייייייייייייייי
UNITS		Controls Including:	1EA.	1 EA	1EA.	1EA.	1EA.	1EA.	1 EA.	4 EA.	4EA.	4EA.	1 EA.	1 EA.	1 EA.	6EA.	1 EA.	1EA.	1SET	1 SET	1 LOT	1 LOT	1LOT	1LOT	1LOT	1EA.	1 <b>L</b> OT	1 LOT	1 LOT	1 LOT	ollowing:	1EA.		
QUANTITY																															w with the f			
		Control Rack and Wired																													6' x 6' alum. bungalow with the following:			
UNITS		1EA.																													l EA.			
QUANTITY UNITS		-																													•-			

## PRAIRIE STATE GENERATING CAMPUS RELOCATED MARIGOLD ROAD AT-GRADE RAILROAD CROSSING

QUANTITY UNITS	QUANTITY UN	UNITS		COST PER UNIT	EXTENDED COST	COST PER UNIT	EXTENDED COST
			SIGNAL HARDWARE				
	_						
Flasher-Gate Signal wit folowing:	il with Bell includes the	s the				\$8,681.00	\$8,681.00
	<u> </u>		Model #10 flasher-gate signal consisting of the following: 3593 B gate mechanism, alum-glass gate arm with led gate lights, break-away & adapter, two-way 12" led lights on mast, high wind guard, jct. box base, Railroad Crossing sign, electronic bell & all necessary hardware.				
	1 EA.		Arm Gate Fiberglass/aluminum	\$260.00	\$260.00		
	1 EA.		Bracket Gate	\$1,250.00	\$1,250.00		
	1EA		Bracket High Wind	\$65.00	\$65.00		
	1EA		Counter weight	\$850.00	Ĭ.,		
	1 EA	نہے	Lamp assy	\$1,050.00	\$1,050.00		
	1 EA.		Mast 5" aluminum	\$1,150.00	\$1,150.00		
	1EA.		Gate Mechanism	\$3,150.00	\$3		
	1EA		Sign X Buck	\$62.00	\$62.00		
	1101		Misc gate hardware	\$175.00	\$175.00		
	1 EA.		Galv. metal flasher-gate signal foundation. (48" tall with base plate)	\$454.00	\$454.00		
	1EA		BELL BELL	\$215.00	\$215.00		
Flasher-Gate Signal no folowing:	al no Bell includes the	the				\$8,466.00	\$8,466.00
	1EA.		Same as above except no bell. Model #10 flasher-gate signal consisting of the following: 3593 B gate mechanism, alum-glass gate arm with led gate lights, break-away & adapter, two-way 12" led lights on mast, high wind guard, jct. box base, Railroad Crossing sign, electronic bell & all necessary hardware.				
	1EA.		Arm Gate Fiberglass/aluminum	\$260.00	\$260.00		
	1 EA.		Bracket Gate	\$1,250.00	\$1,250.00		
	1EA.		Bracket High Wind	\$65.00			
	1[EA.		Counter weight	\$850.00	\$850.00		
	1EA.	Į,	Lamp assy	\$1,050.00			
	1 EA.	٠ <u>٠</u>	Mast 5" aluminum	\$1,150.00	\$1,150.00	-	
	1EA		Gate Mechanism	\$3,150.00			
	1EA.		Sign X Buck	\$62.00			
	1 101		Misc gate hardware	\$175.00	\$175.00		
	1 EA.	ď	Galv. metal flasher-gate signal foundation. (48" tall with base plate)	\$454,00			

## PRAIRIE STATE GENERATING CAMPUS RELOCATED MARIGOLD ROAD AT-GRADE RAILROAD CROSSING

EXTENDED COST		\$305.00			\$3,305.00					\$2,000.00				\$8,750.75	<del></del>											\$10,650.00		
COST PER UNIT		\$305.00			\$3,305.00					\$2,000.00				\$8,750.75												\$10,650.00		
EXTENDED C			\$200.00	\$105.00			\$1,200.00	\$2,050.00	\$55.00		\$1,050.00	\$325.00	\$625.00			\$250.00	\$2,600.00	\$1,450.00	\$3,000.00	\$760.00	\$320.00	\$160.00	\$195.00	\$15.75			\$10,650.00	
COST PER E			\$50.00	\$21.00			\$1,200.00	\$2,050.00	\$55.00		\$1,050.00	\$325.00	\$625.00			\$250.00	\$2,600.00	\$1,450.00	\$3,000.00	\$95.00	\$40.00	\$160.00	\$195.00	\$15.75			\$10,650.00	
	INSTALLATION MATERIALS		One-shot for 5/8" gnd. rod	5/8" x 8' gnd. rods			Fill materials for bungalow & foundations (as needed)	Crushed rock for topping	Alum. paint		AC Service complete assembled on 30 ft. meter pole	AC Surge Arrestor	Service Cable UG 3C#6 conductor			4" pvc conduit (under roadway & track)	7c x #6 UG. signal cable (bronze taped wrapped)	7c x #9 UG. signal cable (bronze taped wrapped)	2c x #6 UG. twisted track cable	Rubber bootleg kits (track connections)	Retainer rail clips	Railhead bonds (3/16" x 6 1/2")	Bondstrand wire	Rolls of 33 plus tape	SITE POWER		Pole line construction by local Utility	
UNITS		following:	EA.	SEA.	ding the		1 LOT	I LOT	I LOT	ding the	IEA.	1EA.	1EA.	ipment		1LOT	1LOT	1 <b>LO</b> T	1 LOT	8 EA.	8EA.	1 LOT	1 LOT	1 LOT		lity	1EA.	
QUANTITY		Including the	,	,	aterials including the		`			gement Inclu				tina field equipment												n by local Ut		
		Grounding Materials Including the following:	>		Misc, construction mate	following:				AC Meter loop arrangement Including the following:				Materials for connecting	Including the following:											Pole line construction by local Utility		
QUANTITY UNITS		1EA.			1EA.					1 EA.				1 EA.												1 EA.		

## PRAIRIE STATE GENERATING CAMPUS RELOCATED MARIGOLD ROAD AT-GRADE RAILROAD CROSSING

QUANTITY UNITS	SLIN		QUANTITY JUNITS	UNITS	0 0	COST PER UNIT	EXTENDED COST	COST PER EXTENDED COST PER EXTENDED UNIT COST	EXTENDED COST
					SALES TAX				
1[EA.		TAXES			6.25%			\$665.63	\$665.63
					LABOR				
1 LO		LABOR	-					\$38,520.00	\$38,520.00
<del></del>			72(	720 HRS	Four Person Crew (Cost includes payroll tax and overheads)	\$53,50	\$38,520.00		
					CONSTRUCTION EQUIPMENT COST				
1 10	LOT	EQUIPMENT						\$21,600.00	\$21,600.00
			72(	720 HRS	Equipment cost based on labor hours	\$30.00	\$21,600.00		
								TOTAL	\$157.473.38

### **EXHIBIT G**

Letter of St. Libory Fire Protection District [See Attached]

### Saint Libory Fire Protection District

P. O. Box 352 743 Rutter Street Saint Libory, IL 62282

Joseph Luechtefeld

Mark Scheiper

Eric Brammeier

President

Secretary

Trustee

6885 State Route 15

P O Box 112

7625 County Road 12

Marissa, IL 62257

Saint Libory, IL 62282

Venedy, IL 62214

July 26, 2006

Brian Brau Peabody Energy 701 Market Street St. Louis, MO 63101

RE: At-Grade Crossing Petition

Dear Mr. Brau:

Saint Libory Fire Protection District discussed Peabody Energy's petition for At-Grade Crossing to serve the Prairie State Energy Campus. The petition was discussed at the regularly scheduled monthly meeting held on July 12, 2006. The Board of Trustees unanimously voted to support the petition as presented.

If you have any questions please contact me at 314-340-6977.

1/1-1/1

Sincerely,

Mark Scheiper

Saint Libory Fire Protection District Secretary